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UTILITY PATENT APPLICATION TRANSMITTAL
(Only for new non-provisional applications under 37 C.F.R. §1.53(b))

CERTIFICATE OF MAILING BY EXPRESS MAIL
EXPRESS MAIL NO: EL 873006301US

I hereby certify that this paper and accompanying documents and fee are being deposited with the United States Postal Service "Express Mail post office to Addressee" Service under 37 CFR §1.10 on the date indicated below and is address to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington D.C. 20231

Date: August 12, 2001



BOX PATENT APPLICATION
Assistant Commissioner of Patents
Washington, DC 20231

Applicant(s): Slim Salah Souisse and Michael Scott Andrews

Title: METHOD AND APPARATUS FOR A FREQUENCY
AGILE VARIABLE BANDWIDTH TRANSCEIVER

Attorney Docket No.: 05118-38 (6507/54314)

Express Label No.: EL 873006301US

APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility application contents

1. ☐ Applicant(s) claims small entity status - See 37 CFR 1.27
2. ☒ Specification [Total Pages: 15]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Application
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claims 1-8; (total 8 claims; 3 independent claims; 3 pages)
 - Abstract of the Invention (1 page)
3. ☒ Drawings (35 U.S.C. 113) [Total Sheets: 12] (Figs. 1-12)
4. ☒ unsigned Oath or Declaration [Total Sheets: 3 pages]
 - a. ☐ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 C.F.R. §1.63(d))
— (for continuation/divisional with Box 18 completed)
 - i. ☐ DELETION OF INVENTOR(S)

08/13/01
jc520 U.S. PTO

jc971 U.S. PTO
09/929252
08/13/01

0929252-001301

Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§1.63(d)(2) and 1.33(b)

5. ☐ Application Data Sheet. See 37 C.F.R. 1.76
 6. ☐ CD-ROM or CD-R in duplicate, table or Computer Program (Appendix)
 7. ☐ Nucleotide and/or Amino Acid Sequence Submission
 (if applicable, all necessary)
 a. ☐ Computer Readable Form (CRF)
 b. Specification Sequence Listing on:
 i. ☐ CD-ROM or CD-R (2 copies); or
 ii. ☐ Paper
 c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))
 9. ☐ 37 C.F.R. §3.73(b) Statement (when there is an assignee)
 10. ☐ English Translation Document (if applicable)
 11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
 12. ☐ Preliminary Amendment (19 pages)
 13. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
 14. ☐ Certified Copy of Priority Documents(s) (If foreign priority is claimed)
 15. ☐ Request and Certification under 35 U.S.C. 122 (b) (2) (B) (I).
 Applicant(s) must attach form PTO/SB/35
 16. ☐ Other
 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37C.F.R. 1.76

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application
 No: _____

Prior Application Information: Examiner: _____ Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

FEE CALCULATION FOR CLAIMS AS FILED

				Extra Claim		Large Entity Rate	Small Entity Rate	Fee Paid
Basic Fee						\$710	\$355	\$710.00
Independent Claims		-	3=	7	x	\$80	\$40	\$
Total Claims		-	20=	4	x	\$18	\$9	\$
Fee for Multiple Dependent Claims				0	x	\$270	\$135	\$
Total Filing Fee (Reduce filing fee by 50% if Small Entity):								\$710.00

- (X) A check in the amount of **\$710.00** to cover the filing fee.
 () Charge \$_____ to Deposit Account No. 13-0201.

Figure 1 is a schematic diagram of the experimental setup. It shows a cross-section of a polymer blend. The central part is labeled 'POLYMER SOLUTION'. This central part is surrounded by a layer labeled 'POLYMER BLEND'. The central part is further divided into two regions: 'POLYMER SOLUTION' and 'POLYMER BLEND'. The surrounding layer is further divided into two regions: 'POLYMER SOLUTION' and 'POLYMER BLEND'. The diagram illustrates the process of polymerization and the resulting morphology of the polymer blend.